ALPINE®

OWNER'S MANUAL/BEDIENUNGSANLEITUNG/ MANUEL DU PROPRIETAIRE/MANUALE DEL PROPRIETARIO/ MANUAL DEL PROPIETARIO/BRUKSANVISNING

1310R

Digital FM/MW/LW/RDS Tuner

CD Shuttle Controller

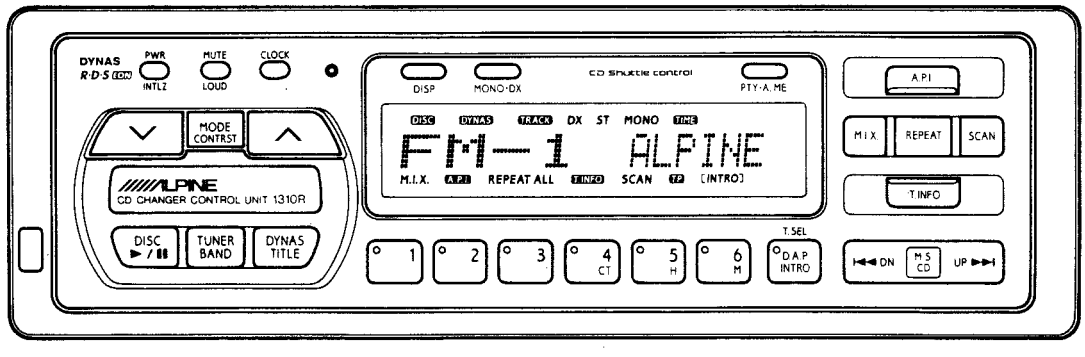


TABLE OF CONTENTS/INHALT/TABLE DES MATIERES/SOMMARIO/INDICE/ INNEHÅLLSFORTECKNING

"ENGLISH"
SYSTEM CHARTS 3, 4
CONTROLS AND INDICATORS 5, 7
FEATURES 6
PRECAUTIONS 8
OPERATION ..... 9 – 27
INDICATION FOR CD SHUTTLE 28
INDICATION FOR 1310R 28
SPECIFICATIONS 29

"DEUTSCH"
SYSTEMAUFBAU 3, 4
BEDIENUNGSELEMENTE
UND ANZEIGEN 5, 31
MERKMALE 30
VORSICHTSMASSNAHMEN 32
BEDIENUNG ..... 32 – 53
ANZEIGE FÜR CD SHUTTLE 54
ANZEIGE FÜR 1310R 54
TECHNISCHE DATEN 55

"FRANÇAIS"
DIAGRAMMES DU SYSTEME 3, 4
COMMANDES ET INDICATEURS 5, 57
CARACTERISTIQUES 56
PRECAUTIONS 58
FONCTIONNEMENT ..... 58 – 79
INDICATION POUR LE CD SHUTTLE 80
INDICATION POUR 1310R 80
SPECIFICATIONS 81

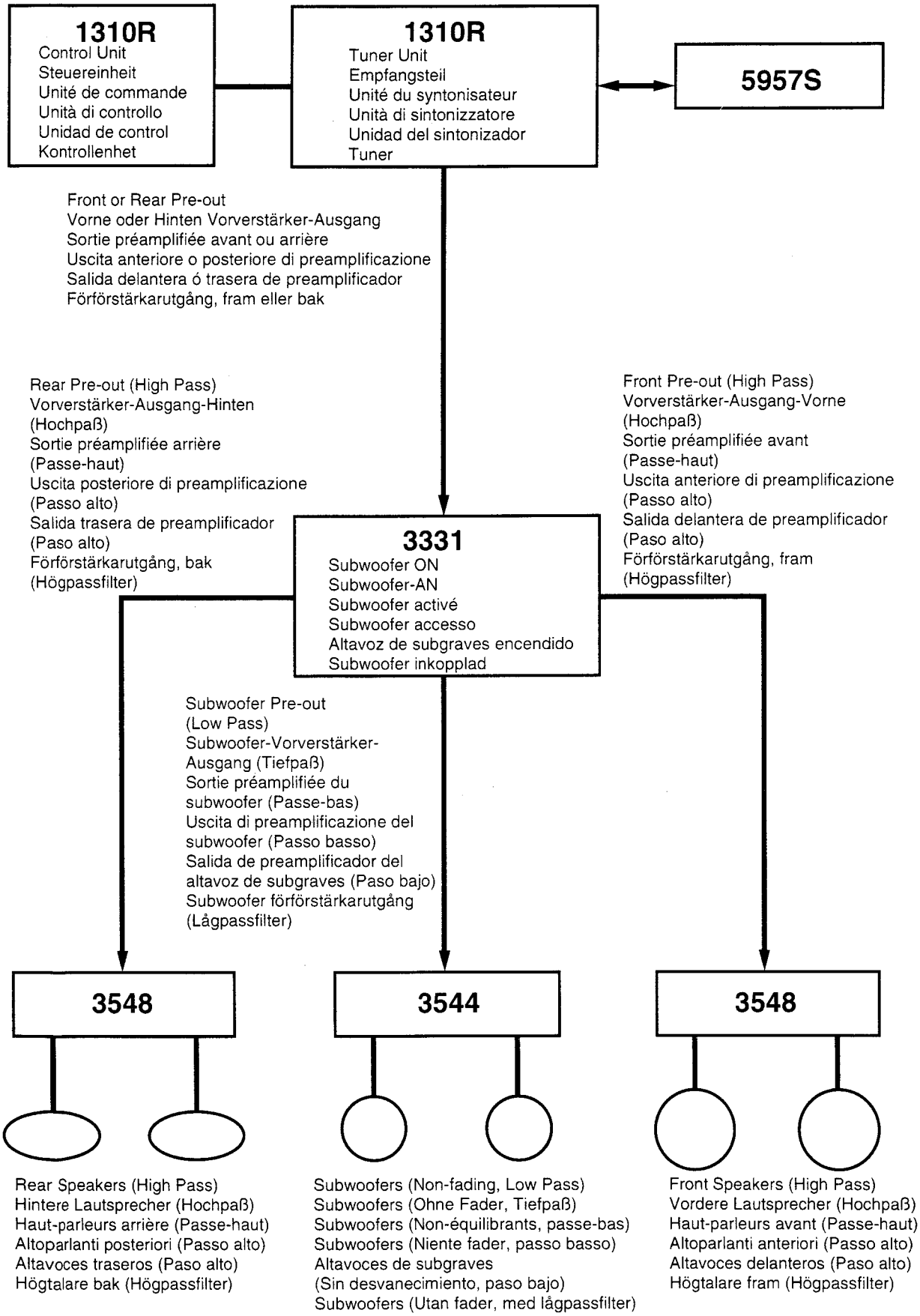
"ITALIANO"
DISPOSIZIONI DEL SISTEMA 3, 4
CONTROLLI ED INDICATORI 5, 83
CARATTERISTICHE 82
PRECAUZIONI 84
FUNZIONAMENTO ..... 84 – 105
MESSAGGI DEL CD SHUTTLE 106
INDICAZIONE PER IL 1310R 106
SPECIFICAZIONI 107

"ESPAÑOL"
DIAGRAMAS DEL SISTEMA 3, 4
CONTROLES E INDICADORES 5, 109
CARACTERISTICAS 108
PRECAUCIONES 110
OPERACION ..... 110 – 131
INDICACIONES
PARA EL CD SHUTTLE 132
INDICACION PARA EL 1310R 132
ESPECIFICACIONES 133

"SVENSKA"
SYSTEM-ÖVERSIKT 3, 4
KONTROLLER OCH
INDIKATORER 5, 135
EGENSKAPER 134
FÖRSIKTIGHETSÅTGÄRDER 136
MANÖVRERING ..... 137 – 155
INDIKERING FÖR CD SHUTTLE 156
INDIKERING FÖR 1310R 156
SPECIFIKATIONER 157

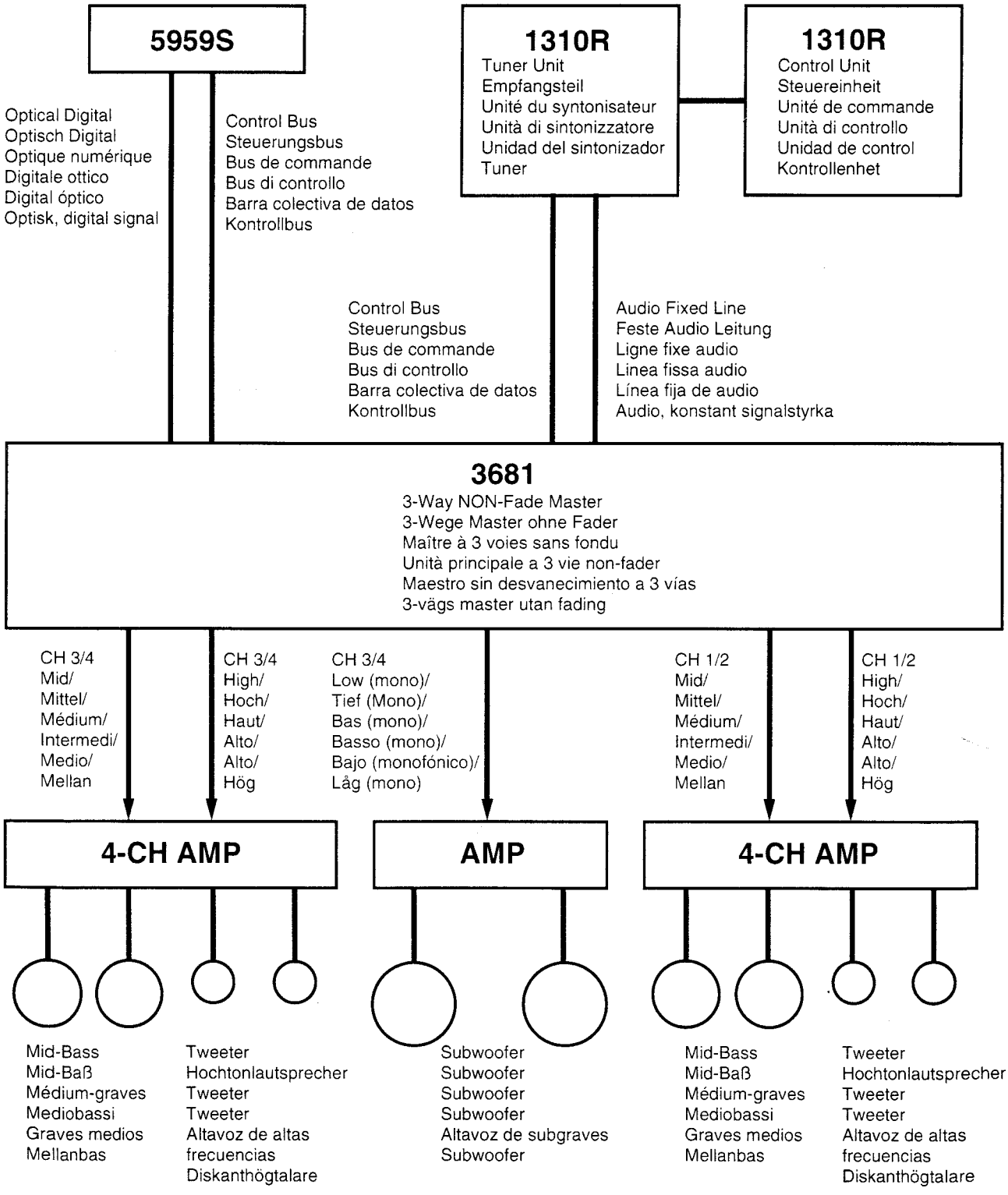
SYSTEM CHARTS/SYSTEMAUFBAU/DIAGRAMMES DU SYSTEME/ DISPOSIZIONI DEL SISTEMA/DIAGRAMAS DEL SISTEMA/SYSTEM-ÖVERSIKT

SYSTEM-A/SYSTEME-A/SISTEMA-A

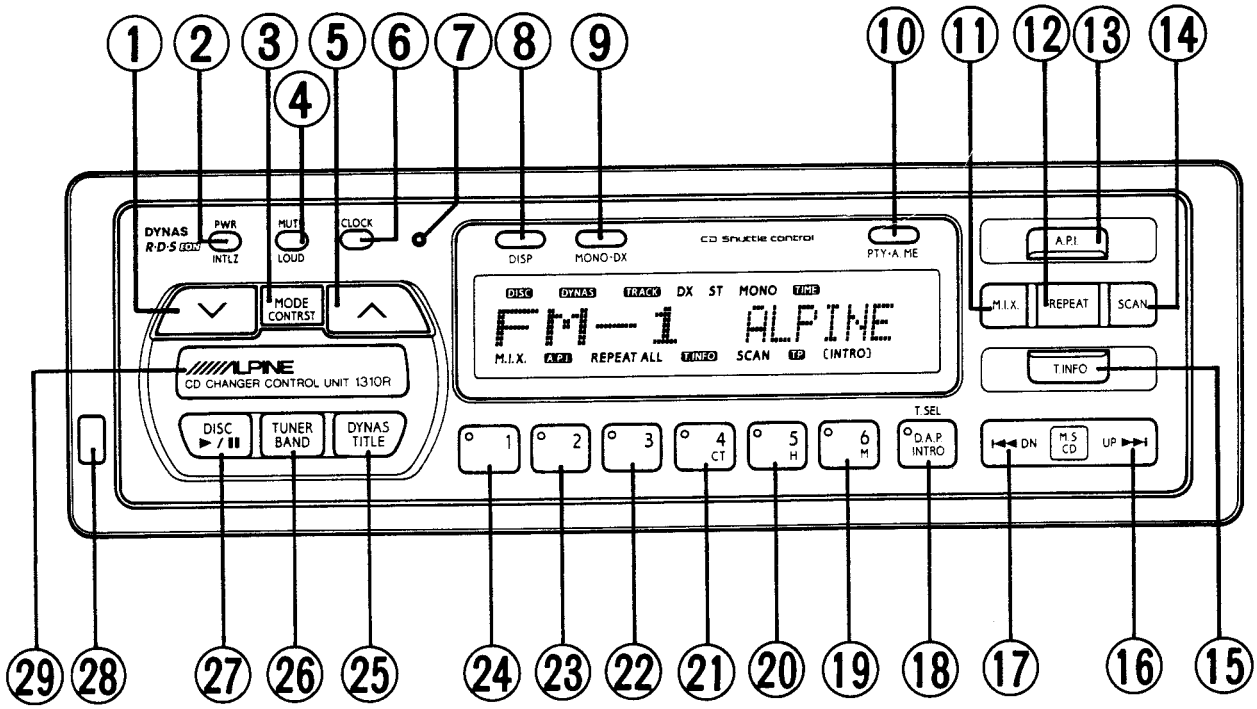


SYSTEM CHARTS/SYSTEMAUFBAU/DIAGRAMMES DU SYSTEME/ DISPOSIZIONI DEL SISTEMA/DIAGRAMAS DEL SISTEMA/SYSTEM-ÖVERSIKT

SYSTEM-B/SYSTEME-B/SISTEMA-B



SUBWOOFER/Fixed Pre-Out=FIXED
Subwoofer/Fester Vorverstärkerausgang=FIXED
Subwoofer/Pré-sortie fixe=FIXED
Subwoofer/Uscita fissa di preamplificatore=FIXED
Altavoz de subgraves/Salida de preamplificador fija=FIXED
Subwoofer/Förförstärkarutgång, konstant signalstyrka=FIXED



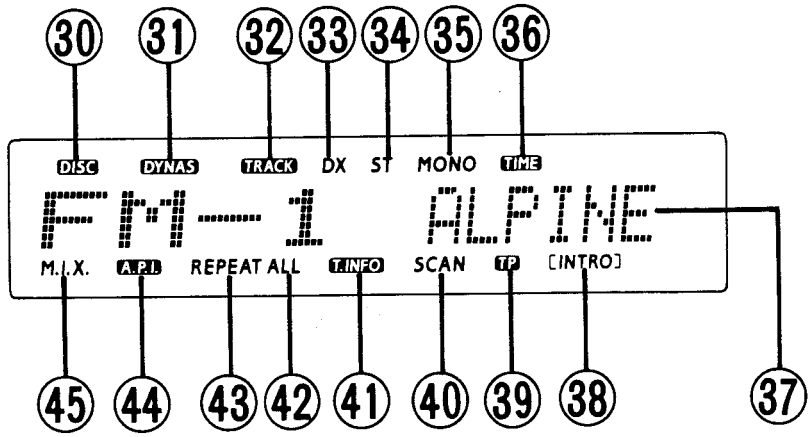


Fig. 1/Abb. 1

Please see the page indicated in the table below for explanations on the controls and indicators.
Die Erklärungen der Bedienungselemente und Anzeigen betreffend schauen sie sich bitte die in der folgenden Tabelle angegebene Seite an.
Prière de lire la page indiquée au tableau ci-dessous pour les explications sur les commandes et indicateurs.
Fate riferimento alla pagina indicata nella tabella qui sotto per ulteriori chiarimenti riguardo i controlli ed indicatori.
Consulte la página indicada abajo, en la tabla, para más explicaciones sobre los controles e indicadores.
Se sidindikeringarna i tabellen nedan för förklaring av kontroller och indikatorer.

English	Page 7	Italiano	Pagina 83
Deutsch	Seite 31	Español	Página 109
Français	Page 57	Svenska	Sid 135

FEATURES

- **FULL FRONT DIN™ CHASSIS**
- **CD SHUTTLE* CONTROL**
- **DETACHABLE FRONT PANEL**
- **PROGRAMMABLE CODE-IN ANTI-THEFT**
  If the 1310R is ever stolen, it will not function until the proper code has been entered after reconnecting power.
- **BLINKING REMOTE LED OUTPUT-ANTI-THEFT READY**
  A remote LED may be mounted in the dash (or other conspicuous location) as a further theft deterrent. It will blink continuously once the ignition is turned off.
- **DYNAS SYSTEM**
  The DYNAS is an entirely new radio reception system which eliminates radio interference caused by adjacent channels and improves usable sensitivity in FM broadcasting reception. Consequently, with the DYNAS system switch turned ON, some broadcasting stations which are difficult to be received because of adjacent channel interference can be clearly heard with a conventional tuner.
- **INTRODUCTION MEMORY**
  Stores the first 5 seconds of each CD, of the 6 disc magazine, into solid state memory. This makes it easy to find the disc you desire.
- **CD TITLE DISPLAY**
- **M.I.X. (MUSIC IN "X" PLAY)**
  The tracks on disc will be played randomly.
- **REPEAT**
- **SCAN**
- **WIRELESS REMOTE CONTROL CAPABILITY**
- **DUAL ILLUMINATION**
  Backlighting for the front panel can be changed to amber or green.
- **S.T.M. (SOURCE TONE MEMORY)**
  Automatically memorizes the settings of your Bass/Treble Controls for each source.
- **DUAL PRE-AMP OUTPUTS**
  Dual pre-amp outputs and a pre-amp fader make system expansion easy and flexible.
- **30-STATION PRESETS**
  FM1 : 6, FM2 : 6, MW : 6, LW : 6, D.A.P.: 6

* SHUTTLE is a registered trademark under License from EuroTec International Limited.

CONTROLS AND INDICATORS

Refer to Fig. 1 on page 5.

Listed below are all the Controls and their Indicators. Please see the Operation Section for explanations.

① **Level Down Button**
② **PoWeR/INiTiaLiZe Button**
③ **Audio MODE Select/CONTRaST Button**
④ **MUTE/LOUDness Button**
⑤ **Level Up Button**

⑥ **CLOCK Button**
⑦ **Reset Switch**
⑧ **DISPlay Button**
⑨ **MONO/DX (Local/Distance) Button**
⑩ **Program TYpe/Auto MEmory Button**

⑪ **M.I.X. Button**
⑫ **REPEAT Button**
⑬ **Auto Program Identification Button**
⑭ **SCAN Button**
⑮ **Traffic INFOrmation Button**

⑯ **M.S. • CD UP (▶▶I) Switch**
⑰ **M.S. • CD DowN (I◀◀) Switch**
⑱ **Direct Access Preset/INTRO/Time SELect Button**
⑲ **Preset and Direct Disc Access No. 6/ Minute Button**
⑳ **Preset and Direct Disc Access No. 5/ Hour Button**

㉑ **Preset and Direct Disc Access No. 4/ Clock Time Button**
㉒ **Preset and Direct Disc Access No. 3 Button**
㉓ **Preset and Direct Disc Access No. 2 Button**
㉔ **Preset and Direct Disc Access No. 1 Button**
㉕ **DYNAS/TITLE Button**
㉖ **TUNER/BAND Button**
㉗ **DISC (Play ▶/Pause ❚❚) Button**
㉘ **Release Button**
㉙ **Sensor Window for Remote Control**
㉚ **DISC Indicator**

㉛ **DYNAS Indicator**
㉜ **TRACK Indicator**
㉝ **DX Indicator**
㉞ **STereo Indicator**
㉟ **MONO Indicator**

㊱ **TIME Indicator**
㊲ **Dot Matrix Display**
㊳ **INTRO Indicator**
㊴ **TP Indicator**
㊵ **SCAN Indicator**

㊶ **T. INFO Indicator**
㊷ **ALL Indicator**
㊸ **REPEAT Indicator**
㊹ **A.P.I. Indicator**
㊺ **M.I.X. Indicator**

PRECAUTIONS

Fuse Replacement

When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder. If the fuse(s) blows more than once, carefully check all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked. Do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Temperature in the vehicle

In order to ensure proper performance, be sure the temperature in your vehicle is between 14° F (–10°C) and 140°F (60°C) before turning your unit on. Good air circulation is essential to prevent heat build-up in the unit (especially in hot weather).

OPERATION

● BASIC OPERATION

Programmable Code-In Procedure

The 1310R is equipped with an Anti-Theft feature which requires a 4 digit code entry before the unit will operate. The factory preset code is (0100), if you wish, you can change the factory code to your own personalized 4 digit code.

NOTE:

If this unit is being installed for the very first time, you must enter the factory preset code number (0100), before programming a new code number.

Initial Code-In Procedure

When the "PWR" power button is pressed on the 1310R, the display will light up and the word "CODE" will appear in the display. Enter the factory preset code as follows:

1. Press the D.A.P./INTRO button ⑱, and the display will show "0000" with the first "0" on the left blinking.
2. Use the 4 "Directional" buttons (count up ⑬, count down ⑮, move right ⑭, and move left ⑪) and input the factory preset code of "0100".
3. Press the TUNER/BAND button ㉖ and the display will come up and display "FM-1". The 1310R will now operate normally.

NOTE:

Due to the possibility of theft, we recommend you change the factory preset code to your own personal code. If the unit is ever stolen, it will not function without entering your personal code. If the vehicle's battery is disconnected then reconnected, your personal code will still remain in memory, it will not be wiped out.

Changing the Programmable Code

To change the factory preset code or your personal code, you must know the "Old Code" to program a "New Code" into the 1310R.

If you cannot recall or do not know the "Old Code" then contact Alpine Service Department to arrange shipping of the 1310R to a factory facility ONLY for re-coding.

NOTE:

Re-coding of the 1310R back to a factory preset code of "0100" is not covered under Alpine's factory warranty. Please contact Alpine Service Department for costs and conditions for re-coding of the 1310R.

Changing the Code

Since the system is fully programmable, you can change the code as often as you wish. Follow the procedure below:

1. Press the TUNER/BAND button ㉖, to make sure the radio is in the Tuner mode.
2. Press and hold the REPEAT button ⑫ for more than 2 seconds, and the display will show "CODE".
3. Press the D.A.P./INTRO button ⑱, and the display will show "0000" with the first "0" on the left blinking.

4. Use the 4 "Directional" buttons (count up ⑬, count down ⑮, move right ⑭, and move left ⑪) and input the previous code (Old Code).
5. Press the TUNER/BAND button ㉖ to enter the previous code, and the display will blink "CODE".
6. Press the D.A.P./INTRO button ⑱, and the display will show "0000" with the first "0" on the left blinking.
7. Use the 4 "Directional" buttons (count up ⑬, count down ⑮, move right ⑭, and move left ⑪) and enter a four digit personal code (New Code).
8. Press the TUNER/BAND button ㉖, and the display will blink the new code for 5 sec, then the display will show the word "CODE".
9. Press the D.A.P./INTRO button ⑱, and the display will show "0000" with the first "0" on the left blinking.
10. Use the 4 "Directional" buttons (count up ⑬, count down ⑮, move right ⑭, and move left ⑪) and input the previous code (Old Code) one more time.
11. Press the TUNER/BAND button ㉖ to enter the previous code (Old Code) and now your new code is permanent.

NOTE:

If the code is entered wrong three (3) times an "E–" is shown in the display, you must wait 10 minutes until the display reads "CODE" to try again.

If any buttons are pressed before the display shows "CODE", you must wait another 10 min. from the time the button was pressed.

Each time three (3) wrong codes are entered into the 1310R, the waiting time increases (1st time – 10 min., 2nd time – 20 min., 3rd time – 60 min.)

Initial System Start

When operating the system for the first time after installation or after the vehicle's battery has been disconnected and reconnected, set the volume level to its minimum, then carefully press the Reset switch ⑦ with a sharp pencil or any other pointed object.

How to Adjust the Volume and Tone

1. Turn On the system by pushing any button (other than Reset ⑦.)
2. Press the Audio MODE Select button ③ to change modes. Each time this button is pressed, the new MODE will be shown in the display.
3. Once the desired mode appears in the display, use the ∨ button ① to decrease level/balance LEFT/fade REAR or the ∧ button ⑤ to increase level/balance RIGHT/fade FRONT.

Power Off

Press the PWR button ② to turn the unit Off.

Loudness

1. Press the LOUD button ④ for more than 2 seconds to activate the loudness function.
2. Press the LOUD button ④ for more than 2 seconds again to defeat this feature.

OPERATION

Mode Switching of the 1310R

1. Radio Mode
   Press the BAND button ㉖ to put the unit into the radio mode. The Band indicator (FM-1, FM-2 or MW/LW) will appear in the display.
2. CD Shuttle Mode
   Press the DISC button ㉗ to put the unit into the CD mode.

Five Modes Setting Function

This unit allows setting of five modes shown below. For further details, refer to the description on each mode.

Preset No. 1: FM level switching.
Preset No. 2: Sound volume setting during reception of traffic information.
Preset No. 3: Switching of automatic tracing function. (A.P.I. 1/A.P.I. 2/PS ONLY)
Preset No. 4: Regional program on/off switching.
Preset No. 5: Built-in lighting switch function (green/amber).

S.T.M. (Source Tone Memory)

The Bass and Treble controls can be individually set for each source (FM, MW/LW, and CD). Once set, their positions are automatically memorized. Whenever the source is reselected, the Bass and Treble controls will return to your preset configuration.

Mute

1. Press the MUTE button ④ to reduce instantly the sound level by 20 dB.
2. To release the mute function, press the MUTE button ④ a second time.

Switching the Lighting Color

Lighting colors (green/amber) for the front panel can be changed.

1. Press the PWR button ② for 3 seconds.
2. Press the Preset No. 5 button ⑳ to switch the lighting between green and amber.

Display Contrast Adjustment

Position yourself as you would under normal driving conditions. From this position, view the 1310R display. Depending upon your viewing angle, the display may need adjusting to achieve proper contrast for maximum visibility. Use the CONTRST button ③ to make this adjustment.

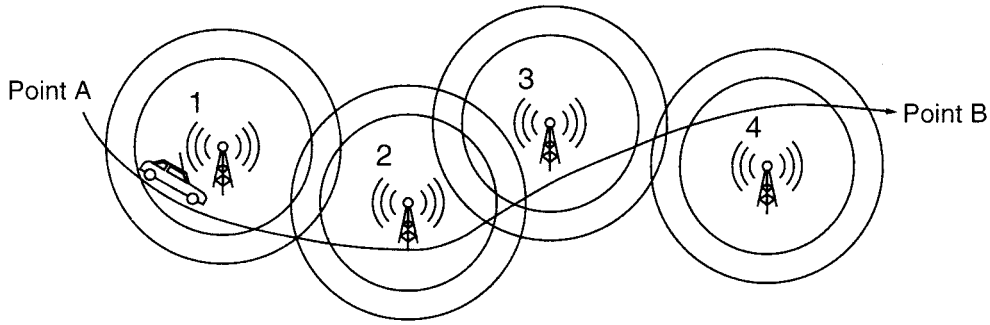
1. Press the CONTRST button ③ for more than 2 seconds.
2. Use the ∨ ① or ∧ ⑤ button to adjust the display contrast.
3. If the either the ∨ ① or ∧ ⑤ button has not been pressed within 5 seconds of entering the Contrast Adjust mode, the previous mode will be reinstated.

● R.D.S. OPERATION

R.D.S. METHOD

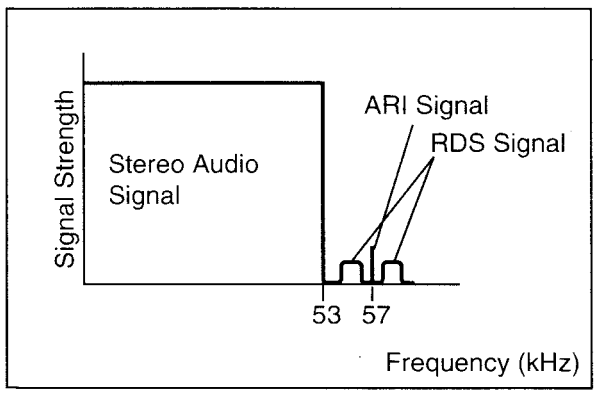
The R.D.S. (Radio Data System) is a broadcasting system in which digital data for automatic tuning, etc., on car radios is added to the FM radio signals. Its standards are set by the E.B.U. (European Broadcasting Union).

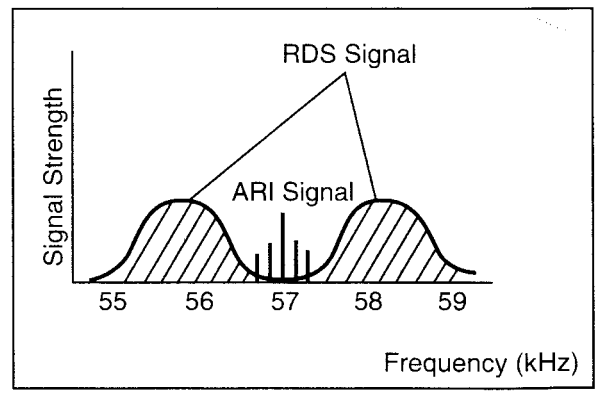
Automatic Tracing



To keep receiving the same broadcast when moving from point A to point B with the network shown above, it was previously necessary to tune in the next station (1 to 4) either manually or using the seek operation once the reception got bad. The auto tuning system automatically switches the reception station to the station in the network offering the best reception.

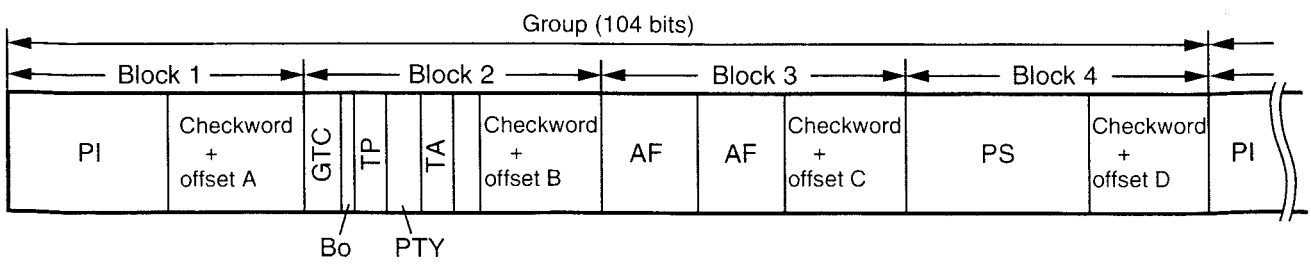
RDS Signal





The RDS data are transferred as shown above so that they do not give any influence on the sound signals.

RDS Data Structure (Sample of type 0A group)



OPERATION

The RDS data used are the PI, PS, AF, TP, TA, EON and PTY data.

PI: Program Identification code
Code identifying programs and consisting of a country code and a program code.

PS: Program Service name
Broadcast station name data expressed in alphanumerical characters of up to 8.

AF: Alternative Frequencies
Frequency list data for broadcasting stations transmitting the same program.

TP: Traffic Program identification
Identification data for traffic information broadcasting station.

TA: Traffic Announcement identification
Identification data showing traffic information is being transmitted or not.

EON: Enhanced Other Networks Information
Broadcasting information on PI, AF, TP, TA, etc. relating to networks other than the network used for current reception.

PTY: Program Type Code
Transmitting contents of programs such as a program ID code, news, light music, sports, etc.

RDS Function on the 1310R

The RDS data is used for the following operations:

- Auto tuning to the station in the network with the best reception is performed using the PI and AF data.
- The station name is displayed using the PS data.
- Traffic information is received automatically using the TP and TA data.

A.P.I. (AUTO PROGRAM IDENTIFICATION) OPERATION

1. Press the TUNER/BAND button ㉖ to set the FM mode. (The A.P.I. function does not operate on the MW and LW bands.)
2. Press the A.P.I. button ⑬. The A.P.I. indicator ㊹ appears on the display.
3. Press the UP or DN switch (⑯ or ⑰) for at least 0.5 seconds to start tuning.
4. When the reception of the station last tuned in becomes poor, the set automatically switches to another frequency broadcasting the same program with better reception. (The automatic follow operation does not function in areas where there is no broadcast network.)
5. Press the A.P.I. button ⑬ to cancel the A.P.I. mode.
   The A.P.I. indicator ㊹ on the display turns off, and the station display switches back to the frequency display.

NOTES:

1. With the A.P.I. button ⑬ in the on position, reception of an RDS station will result in automatic tracing of stations having the same broadcast contents.
2. When the A.P.I. button ⑬ is left on in the seek mode, the radio will also stop at non-RDS stations, but the display will continue to show a frequency.

A.P.I. 1/A.P.I. 2/PS ONLY MODE

This unit has employed two modes of A.P.I. 1/A.P.I. 2 as automatic tracing systems and PS ONLY mode as non-automatic tracing system, so use one of the modes depending upon status of broadcasting networks, reception status, and other environment.

1. Press the DISP button ⑧ for 3 seconds.
2. Press the Preset No. 3 button ㉒ to switch among A.P.I. 1, A.P.I. 2 and PS ONLY.

[A.P.I. 1] Mode

- When the reception status becomes poor, the unit is automatically switched to a station which provides good reception status.

NOTE:

Under certain conditions of broadcasting stations, the unit will be switched to another program station for an instant time of period.

[A.P.I. 2] Mode

- If erroneous operation occurs with A.P.I. 1 mode selected, switch the mode to the "A.P.I. 2" mode.

NOTES:

1. When switching from a station which provides poor reception condition to the other station which provides good condition, the MUTE function works to check whether the switched station is the same station.
2. When moving from the station providing poor reception condition to a good station, the MUTE function successively works for a specified interval if a station providing good reception condition does not exist. In such a case, turn off the A.P.I. or try to tune in another station.
3. In the A.P.I. 2 mode, the AF and PI are checked again to search the AF station without fail, so, a longer muting period (about one sec) than that in the A.P.I. 1 mode is necessary.

[PS ONLY] Mode

- The PS ONLY mode executes only the display of broadcasting station name.
- In this mode, automatic tracing operation is not executed. Only the manual tracing operation described below can be executed.

OTHER CONVENIENT FUNCTIONS

Manual Tracing Operation

This operation is used in case of slow tracing in each automatic tracing mode and PS ONLY mode. In the operation, AF will be searched instantly and the station which provides good reception condition will be selected.

1. When the A.P.I. button ⑬ is pressed for two seconds while in the A.P.I. mode (when the A.P.I. indicator ㊹ on the display is on), reception switches to the station included among the AF data which is broadcasting the same program with the best reception.
2. "AF SEEK" is displayed during this operation.
3. When the operation is completed, "SEEK END" appears on the display.

OPERATION

Setting the PI in the Preset Memory

1. Tune in an RDS station and set the display to the station name display.
2. Press one of Preset buttons 1 to 6 for two seconds.
3. The station name flashes for 5 seconds. Press the Preset button at which you want to store the PI while the display is flashing. The PI is now stored in the memory.
4. Set other Preset buttons in the same way.

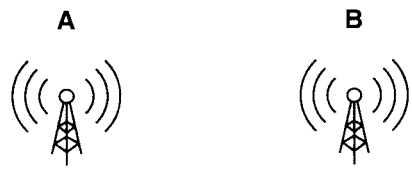
- If a Preset button at which a PI is stored is pressed, the station name will be displayed.
- If the same PI program cannot be received at the first preset recall, "AF SEEK" operation will be executed automatically.
- In case of bad reception condition at the first preset recall, press the preset button again and "PI SEEK" operation will be executed automatically.
  During this operation, "PI SEEK" will be displayed and the broadcasting station of the same PI and another frequency will be searched.
- If a station broadcasting the same program cannot be tuned in, reception returns to the original frequency and the preset indicator turns off.

REGIONAL PROGRAM OPERATION

Some broadcast stations will change from normal broadcasting to regional broadcasting for a certain time period.

[Example]

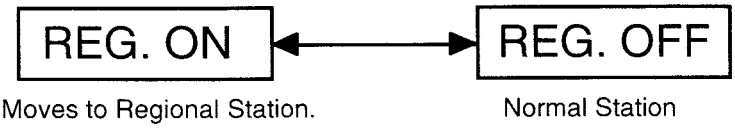
A station A broadcasts the regional program "WDRG" from 9:00 to 10:00 and the station broadcasts the normal program "WDR2" for the time period except for 9:00 to 10:00.



Program	Station A	Station B	Time Period
Regional Program	WDRG	WDRE	9:00 to 10:00
Normal Program	WDR2	WDR2	Time period except for above.

PI area code will change when the normal broadcasting is switched to the regional broadcasting. This operation allows selection of the function which moves to the regional station or remains in the normal broadcasting.

1. Press the DISP button ⑧ for 3 seconds.
2. Press the Preset No. 4 button ㉑ and the dot matrix display shows REG. ON or REG. OFF.
3. To switch the REGIONAL ON/OFF, press the Preset No. 4 button ㉑.



Moves to Regional Station. Normal Station

RDS auto memory function

Six RDS stations can be stored in the preset memory in order according to the best reception conditions. Set to the RDS station reception mode. Press the A. MEMO button ⑩ for more than 2 seconds to start the auto memory operation.

CAUTION:

The PI and PS data stored in the memory are cleared when the auto memory function is used, so set them in the memory once again.

TRAFFIC INFORMATION FUNCTION

With this function, traffic information can be received automatically from any mode. This function operates using the RDS TP and TA signals.

Traffic information being broadcasted through other network can be received by using EON signal.

To receive traffic information:

1. Press the TUNER/BAND button ㉖ to set the FM mode. (The traffic information function does not operate on the MW and LW bands.)
2. Press the T. INFO button ⑮. The T. INFO indicator ㊶ appears on the display. The TP indicator ㊴ lights when a traffic information station is received regardless of the traffic information mode.
3. Press the UP or DN switch (⑯ or ⑰) to start searching. The set automatically searches for a traffic information station. Once the station is tuned in, the TP indicator ㊴ appears on the display.

4. The following appears on the display when traffic information is received:

TRF . INFO

NOTE:

When a reception signal strength is poor during the traffic information reception, the function which holds the traffic information reception mode works for 1 minute.

If no information is received for 1 minute, the traffic information reception mode is automatically cancelled and the unit returns to the original mode. If a traffic information termination signal is received during the hold period, the unit also returns to the original mode.

5. If traffic information is received while a CD is playing, the CD is automatically paused and the traffic information can be heard. Once the traffic information is over, the set returns to the previous mode.

6. If traffic information is received when the volume control is set at the minimum, the volume is automatically set to the preset level while the traffic information is being received.

Four preset volume levels can be set for traffic information reception

(1) Press the DISP button ⑧ for 3 seconds.
(2) Press the Preset No. 2 button ㉓ to switch between TA-LV 4 to TA-LV 1. Select the desired level.

7. When the reception of the broadcast station currently tuned in becomes poor, the TP indicator ㊴ turns off and the set is set to the following state:
   (1) An alarm is sounded after traffic information stations can no longer be received (the TP indicator ㊴ turns off).
   If a CD is playing, it is paused automatically and the alarm is sounded.
   (2) Use the manual tuning, seek, or auto memory functions to tune in another station.
   (3) When the set is in the seek mode, if the UP or DN switch (⑯ or ⑰) is pressed for at least 0.5 seconds, the set only searches for traffic information stations. It either finds a traffic information station or continues searching until the seek mode is canceled.

8. The set operates as follows if both the traffic information and A.P.I. modes are set:
   The automatic follow operation is performed for stations broadcasting the same program which are also traffic information broadcast stations.

When traffic information stations cannot be received:

In the tuner mode:
When the TP signal can no longer be received, an alarm will be sounded after 1 minute.
In the CD or EXT mode:
When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

PTY (PROGRAM TYPE) FUNCTION

With PTY function, the program type currently received will be displayed and the station which broadcasts the desired program type can be searched automatically.

PTY Display Operation

1. Press the TUNER/BAND button ㉖ to set the FM mode.
2. Press the PTY button ⑩ to access the PTY mode.
3. The program type currently received will be displayed on the dot matrix display ㊲.
   NOTE:
   "NONE" will be displayed when the receiving condition is bad or when the station provides no PTY data broadcasting. And after 5 seconds the PTY mode will be released automatically.
4. To release the PTY mode, press the PTY button ⑩.

PTY Seek Operation

1. Press the PTY button ⑩ to access the PTY mode.
2. Select the desired program type with the UP or DN switch (⑯ or ⑰).

[Example]

Type	Classics	Other Music	Music	Speech	News
Display	CLASSICS	OTHER M	MUSIC	SPEECH	NEWS

3. The dot matrix display ㊲ will be blinking and the station which broadcasts the desired program type will be searched.
4. When the desired station is received, blinking will be stopped automatically.
   NOTE:
   "NO PTY" will be displayed when the desired station fails to be searched, and after 5 seconds the PTY mode will be released automatically.
5. Normally, the PTY mode will be released automatically unless any button is pressed within 5 seconds.

OPERATION

● RADIO OPERATION

Tuning Band Selection

Press the BAND button ㉖ to select the desired tuning band. The Band indicator shows your selection.

DYNAS System Mode

The DYNAS system has two modes; DYNAS 1 and DYNAS 2. Set either one of the mode which provides good reception according to procedures shown below. Then, the DYNAS system allows you to receive clearer reception of FM broadcasting. In a noisy and sound distorted area, set to DYNAS 2.

1. Press the DYNAS button ㉕.
   "DYNAS 1" will appear on the display.
2. Press the DYNAS button ㉕ for more than 2 sec., and "DYNAS 2" will appear on the display (and DYNAS 1 mode is switched to DYNAS 2 mode).
3. To release the DYNAS system mode, press the DYNAS button ㉕.

NOTE:

If distortion and noises higher than those obtained in normal reception are heard, set the DYNAS mode to OFF. The increased distortion and noises will be caused in many cases by reasons shown below.

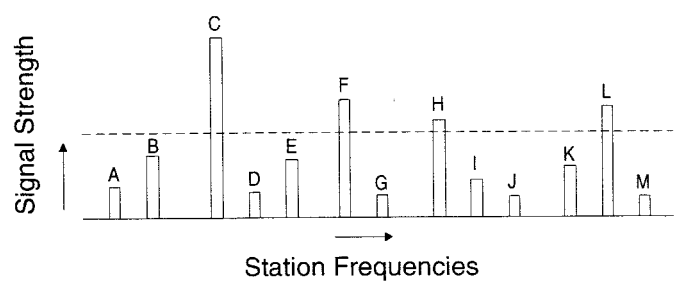
1. When reception frequency is deviated
   In the 1310R, a reception frequency is received in the step of 0.05 MHz, so ±0.025 MHz deviation may be caused depending upon broadcasting stations.
2. When transmission signals are overmodulated in broadcasting stations
   Some broadcasting stations may be transmitting signals with increased modulation depth to increase sound level.

Local/Distance (DX) Seek Sensitivity for FM, MW and LW

You can select the radio seek sensitivity (local or distance (DX)), by pressing the DX (distance) button ⑨ for more than 2 seconds.

In the local mode, with no DX indicator ㉝, the radio tunes in only strong stations (stations C, F, H and L in the illustration below).

In the distance mode, with DX indicator ㉝, the radio tunes in both strong and weak stations (all stations from A to M in the illustration).



OPERATION

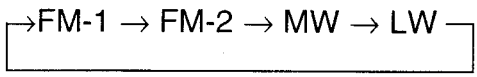
FM Stereo/Monaural Switching

You can select between the auto switching or monaural only modes for FM reception by pressing the MONO button ⑨. In the auto switching mode, you can receive stereo broadcasts in stereo and monaural broadcasts in MONO. In the monaural mode, you will receive the broadcast in monaural only, even if the broadcast is in stereo. The monaural only mode quiets the noisy stereo signal of weaker broadcasts. The ST indicator ㉞ will not appear while the monaural mode is selected.

Manual and Auto Seek Tuning

Stations can be tuned in using the procedures described below.

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button ㉖. The Band indicator shows your selection.



2. Decreasing the frequency:
   The frequency is decreased by one step each time the DN switch ⑰ is pressed.
   By pressing and holding the switch for at least 0.5 seconds, the unit will automatically tune the first station it finds in the direction of decreasing frequency.
3. Increasing the frequency:
   The frequency is increased by one step each time the UP switch ⑯ is pressed.
   By pressing and holding the switch for at least 0.5 seconds, the unit will automatically tune to the first station it finds in the direction of increasing frequency.

Preset Memory Programming

Follow the instructions below to program stations into preset memory:

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button ㉖.
2. Tune in your desired station using manual or auto seek tuning.
3. Press the Preset button number 1 ㉔ for more than 2 seconds.
4. The preset indicator and the dot matrix display ㊲ will begin to blink. Press that Preset button again while the display is blinking (within 5 seconds).
5. The frequency you selected will be placed into preset memory number 1 and will appear in the display.
   NOTE:
   If a preset memory has already been set in the same address, it will be cleared and the new station will be memorized.
6. Follow steps 2 – 4 for the remaining presets (2 – 6). Use this procedure for FM1, FM2, MW and LW.

Auto Memory Preset

1. Select the desired tuning band (FM1, FM2, MW or LW) with the BAND button ㉖. The Band indicator shows your selection.
   NOTE:
   The auto memory preset procedure is allowed in the D.A.P. mode.
2. Press the A. MEMO button ⑩ for over 2 seconds.

3. The tuner will automatically seek the 6 strongest stations in the selected band and memorize them in order of their signal strength. These stations are automatically placed in the preset memory with the strongest station in preset No. 1 and the 6th strongest station in preset No. 6. When seeking stations, the tuner first seeks in the local tuning mode. If less than 6 stations are memorized, the tuner seeks again in the distance (DX) mode.
4. After finishing the auto memory preset, the tuner goes to the station placed in preset memory No. 1. If no stations are memorized, it returns to the original station you were listening to before the auto memory preset procedure began.

Preset Tuning

After the preset stations have been memorized, you can tune in your desired station (within the band displayed) with one touch of a button.

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button ㉖.
2. Press any one of the Preset buttons (⑲ – ㉔) and the number of that preset will appear in the preset display ㊲.
3. The frequency of the station placed in the selected preset location will appear in the display.

D.A.P. (Direct Access Preset)

This feature allows the storage of FM, MW and LW presets on the same band.

1. Press the D.A.P. button ⑱. The D.A.P. indicator will appear in the display.
2. To program stations into the D.A.P. band, follow steps 1 – 4 as described in the Preset Memory Programming section on page 20.

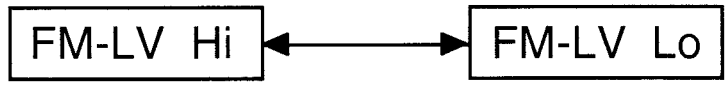
Accessing the D.A.P. Presets

1. Press the D.A.P. button ⑱. The D.A.P. indicator will appear in the display.
2. Press one of the Preset buttons (⑲ – ㉔).
3. The frequency of the station placed in the selected D.A.P. location will appear in the display.

Switching the FM Volume

Use this function if the difference in volume is great when switching between a CD and the FM radio.

1. Press the DISP button ⑧ for 3 seconds.
2. Press the Preset No. 1 button ㉔ to switch the display between "FM-LV Hi" and "FM-LV Lo".
   The FM volume can be set to one of two positions, high or low. Set the position according to the broadcast station.



OPERATION

● CD OPERATION

The following instructions apply only to systems that incorporate the Alpine CD Shuttle with 1310R.

Turn the unit On and access the CD mode by pressing the DISC (▶/II) button ㉗.

Normal Play

1. Press the DISC (▶/II) button ㉗.
2. The first disc will begin playback.
3. After the last track on the last disc is played back, the pickup will return to the beginning of the first track of the first disc and begin playback from that point.

On the DISPLAY

Pushing the DISP button ⑧ in the DISC mode will change the display from Elapsed Time to Title display. See below.

Disc No., Track No., Elapsed Time → Disc No., Track No., Title display → ···

NOTES:

1. The title display will work only with discs for which the titles have already been registered. (Refer to page 25.)
2. In the A.P.I. or T. INFO mode, even if the DISP button ⑧ is pushed, the display can not be switched. The mode will be set to the tuner mode and the tuning is possible.

Pause

While the disc is playing, press the DISC (▶/II) button ㉗ to temporarily stop playback. The dot matrix display ㊲ will show "PAU". To resume playback, press the DISC button (▶/II) ㉗ again.

Music Sensor (Skip)

This feature allows you to access the beginning of your musical track selection simply and quickly. It is functional in the play or pause mode. The dot matrix display ㊲ shows the track number you have selected.

- To advance to the next track on the disc, press the UP switch ⑯.

1. Playback stops, and the pickup moves up to the beginning of the next track. That track number appears in the dot matrix display ㊲.
2. Playback begins immediately.
3. If you wish to access a track further ahead on the disc, continue pressing and releasing the UP switch ⑯ until you reach the track of your choice.

- To replay the track that is currently playing, press and release the DN switch ⑰.

1. Playback stops, and the pickup moves back to the beginning of the current track. The track number in the dot matrix display ㊲ remains the same.
2. Playback begins immediately from the beginning of the track.
3. If you access a track further towards the beginning of the disc, continue pressing and releasing the DN switch ⑰ until you reach the track of your choice.

OPERATION

Direct Disc Access

1. Press one of the Direct Disc Access buttons (⑲ – ㉔) to select from discs 1 – 6. The disc and track numbers will appear in the display.
2. Press the UP ⑯ or DN ⑰ switch for musical track selection.

Fast Forward/Fast Backward

The fast forward/fast backward feature works in the play mode only.

1. Press either the UP ⑯ or the DN ⑰ switch and hold it down for more than 1 second.
2. To move the pickup forward rapidly, hold down the UP switch ⑯.
3. To move the pickup backward rapidly, hold down the DN switch ⑰.
4. Release the button when you get to the desired position on the disc.
5. When the pickup reaches the end of the disc, it will begin playback from the beginning of the first track on the next disc.

Repeat (One/All)

This feature allows you to continuously repeat a single track or one entire disc.

To Repeat a Single Track

1. Locate the music track of your choice using the UP ⑯ or DN ⑰ switch.
2. Press the REPEAT button ⑫.
   The REPEAT indicator ㊸ will illuminate.
   The music track will be played back repeatedly.
3. To stop repeat play, press the REPEAT button ⑫ twice.

To Repeat an Entire Disc

1. While playing a disc, press the REPEAT button ⑫ until the ALL indicator ㊷ will illuminate.
2. The disc will be played back repeatedly.
3. To stop repeat play, press the REPEAT button ⑫ once. The indicator illumination will be off.

Disc Scan

Press the SCAN button ⑭ and the unit will playback the first 10 seconds of each track in succession. This function is useful in searching ahead on a disc for a specific selection. Pressing the SCAN button ⑭ a second time deactivates the function.

M.I.X. (Random Play)

Press the M.I.X. button ⑪ while the unit is in the play or pause mode. Musical tracks on the selected disc will be played back in a random sequence generated by the micro-processor. After all the tracks on the disc have been played back once, the player will begin a new random sequence.

Programming CD INTRO Memory

The first 5 seconds of each disc in a magazine can be memorized in IC memory. This allows you to listen to the beginning of each disc without actually changing it. Thus, you can identify a disc quickly and easily.

A short delay of the recording start time can be selected. This works well with discs which do not have music, for short periods, at the very beginning.

1) Press and hold the PWR button ② for more than 2 seconds.
2) Push T. SEL button ⑱. Each time you push the button, the display will change from "0" to "10" seconds in the order shown below:
   "0" → "5" → "10" → "0" → ···
3) Once the desired delay is shown in the display, push the PWR button ② again to make the selection and return to the normal mode.
   Indication 0: Mute length of 0 to 5 sec.
   Indication 5: Mute length of 5 to 10 sec.
   Indication 10: Mute length of 10 to 15 sec.

INTRO memory

1. Push the INTRO button ⑱. Recording for each disc will start.
2. When the recording completes, "[INTRO]" is displayed, telling you the INTRO mode is being actuated. In the "INTRO" mode, the introduction section will be played back each time you select a disc.
3. To cancel the "INTRO" mode, push the INTRO button ⑱ to turn the display to "INTRO".

NOTES:

1. Quality of the sound obtained from the introduction memory is lower than the normal sound quality because of the small amount of IC memory available.
2. Contents of the memory will be erased if the battery lead is removed, reset operation is conducted, or the current magazine is replaced.
3. When using the Digital Audio Output of the 5959S to the Digital Input of any of Alpine's Digital Processors, follow the steps below to ensure proper operation of the INTRO Memory feature:
   a) Attach a model 4913 to the Changer Input of the Digital Processor
   b) Connect the DIN and Analog Audio Outputs of the 5959S to the 4913
   c) All other connections are per instructions in Owner's Manual for each Digital Processor.

CD Title Display

A title (up to 8 characters) can be given to each disc, to be displayed whenever that disc is selected.

Inputting the Title

1. Press and hold the TITLE button ㉕ for more than 2 seconds to set the CD title mode.
2. Select a disc with the DIRECT DISC SELECT buttons (⑲ – ㉔).
3. Enter characters with buttons (⑪, ⑬ – ⑮).

How to use the buttons (⑪, ⑬ – ⑮)

1) Use the M.I.X. ⑪ or SCAN ⑭ buttons to select the character position.
2) Push the A.P.I. ⑬ and T. INFO ⑮ buttons to select characters and numerals.

4. After confirming the correct title, press and hold the TITLE button ㉕ for more than 2 seconds to store.

NOTE:

Data for up to 42 discs can be written. If the number of discs exceed 42, "FULL TITLE" will be displayed. In such a case, erase the titles for less used discs to free required space. You can now perform the operations listed above.

Recalling a Registered CD Title

While a CD is playing, pressing the TITLE button ㉕ will display its title for 5 seconds.

Deletion of Registered CD Title

1. Press and hold the TITLE button ㉕ for more than 2 seconds to enter the CD title mode.
2. Push the DISP button ⑧ to show the titles in the display.
3. Push the UP/DowN button ⑯ or ⑰ to call out the title to be deleted.
4. Press and hold the DISP button ⑧ for more than 2 seconds to delete the title.
5. Push the TITLE button ㉕ for more than 2 seconds to return to the normal mode.

NOTE:

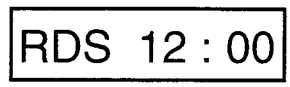
For deleting the CD title other than procedures above (1 – 5), enter " " (8 spaces).

OPERATION

● CLOCK OPERATION

RDS Clock

1. Press the CLOCK button ⑥. The clock time will appear on the display.
2. The clock is automatically corrected, the dot matrix display ㊲ showing "RDS", when RDS CT data is received.



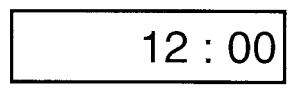
NOTE:

If the RDS signal in reception is weak, the time adjustment by RDS function may require a little longer time.

3. If the unit shows incorrect time caused by a wrong signal, adjust the time manually by referring to "Setting the Time" below.

Normal Clock

1. Press and hold the CLOCK button ⑥ for more than 3 seconds.
2. Press the CT button ㉑ to deactivate the RDS function.
3. Adjust the time by referring to the "Setting the Time" below.



Setting the Time

1. Press and hold the CLOCK button ⑥ for more than 3 seconds to enable the time adjust mode. The time display will blink when ready for setting.

NOTE:

Make adjustments for 5 seconds blinking.

2. Adjusting the hours:
   Use H button ⑳ to adjust the hours.
3. Adjusting the minutes:
   Use M button ⑲ to adjust the minutes.

OPERATION

● HANDLING THE DETACHABLE FRONT PANEL

Removal

1. Press the PWR button ② to turn the power Off.
2. Press the Release button ㉘. (Fig. 2)
3. The detachable front panel pops out. Grasp part of it and pull it off. (Fig. 3)

NOTE:

After removing the detachable front panel, place it in the included case and protect it from strong shocks.

Installation

1. Check that there is no dirt, etc., in the grooves on the unit, then insert the detachable front panel from the right side. (Fig. 4)
2. Press on the detachable front panel at a point other than the button surface on the left side until a click is heard. (Fig. 5)
3. Touch the detachable front panel and check that it is securely fastened.

NOTE:

Be sure to check that there is no dirt, dust, etc., on the connector terminals for the detachable face and unit before installing it.

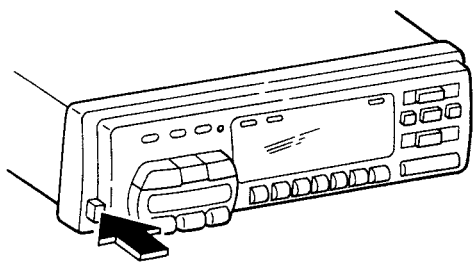


Fig. 2

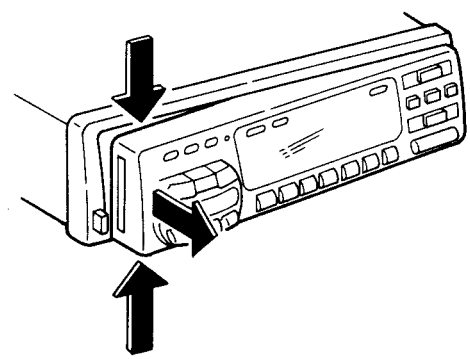


Fig. 3

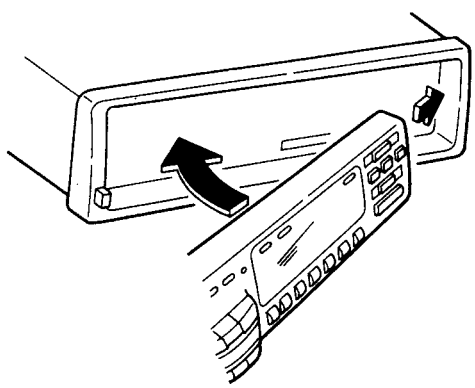


Fig. 4

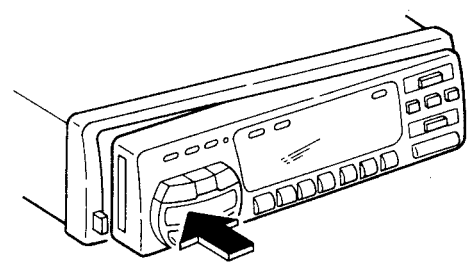


Fig. 5

INDICATION FOR CD SHUTTLE

INDICATION	CAUSE	SOLUTION
ERROR–1	Disc-change malfunction.	Consult your Alpine Dealer.
	Disc-change malfunction.	Press the magazine eject button and pull out the Magazine. Check for indication. Insert the magazine again. If the magazine can not be pulled out, consult your Alpine dealer.
	Magazine ejection impossible.	Press the magazine eject button. If the magazine does not eject, consult your Alpine Dealer.
ERROR–2	Disc is in player mechanism.	Press the magazine eject button, and insert an empty magazine.
HOT	High temperature.	Will disappear when the temperature returns to operation range.
EEEE	Misconnection or disconnection of CD Shuttle.	Check connection between CD Shuttle and control unit.

INDICATION FOR 1310R

INDICATION	MEANING
NO MAGZN	The magazine is not installed into the CD Shuttle.
NO D I S C	No discs are in the magazine.

SPECIFICATIONS

FM TUNER SECTION

Tuning Range ..... 87.5 – 108.0 MHz
Usable Sensitivity ..... 0.7 µV
Selectivity ..... 80 dB
Signal-to-Noise Ratio ..... 65 dB
Stereo Separation ..... 35 dB

MW TUNER SECTION

Tuning Range ..... 531 – 1,602 kHz
Usable Sensitivity ..... 25.1 µV

LW TUNER SECTION

Tuning Range ..... 153 – 281 kHz
Usable Sensitivity ..... 31.6 µV

GENERAL

Power Requirement ..... 14.4V DC (11 – 16V allowable)
Output Voltage ..... 500 mV/10k ohms
Bass ..... ±15 dB at 30 Hz
Treble ..... ±12 dB at 10 kHz

DIMENSIONS (W x H x D)

Control Unit Chassis Size ..... 178 mm (7") x 50 mm (2") x 30 mm (1-3/16")
Control Unit Nosepiece Size ..... 171 mm (6-3/4") x 48 mm (1-7/8") x 22 mm (7/8")
Tuner Unit ..... 180 mm (7-1/8") x 52 mm (2-1/16") x 120 mm (4-3/4")
Weight ..... 1.2 kg (2 lbs. 10 oz)

NOTE:

Due to product improvement, specifictions and design are subject to change without notice.